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PIONEER

Service Manual

SPEAKER SYSTEM

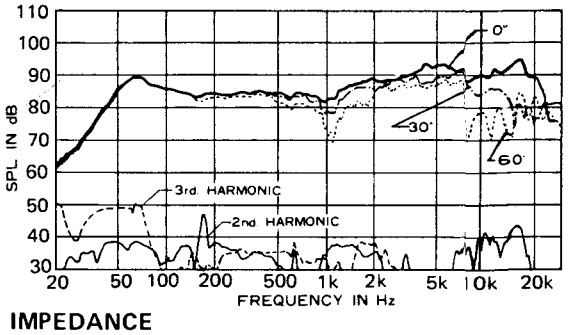
HPM-30X/E
HPM-30/CA Original

SPECIFICATIONS

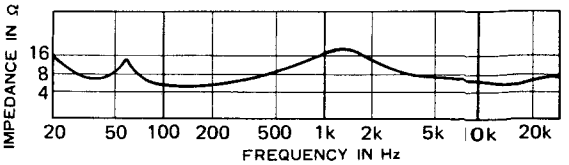
Enclosure	Book-shelf style, Bass-reflex type
System	3-way 3-speaker system
Loudspeakers	
Woofer	20cm (8in) cone type
Tweeter	4.5cm (1-3/4in) cone type
Super tweeter	High polymer film type
Nominal Impedance	8 ohms
Frequency Range	40 to 25,000Hz
Sensitivity	88dB/W at 1-meter distance
Maximum Input Power	60W
Rated Input Power	30W
Crossover Frequency	1,500Hz, 12,000Hz
External Dimensions	300(W) x 530(H) x 296(D)mm 11-3/16(W) x 20-14/16(H) x 11-2/16(D)in
Weight	11kg/24 lb 4oz
Accessory Parts	Speaker cords x 1 Operating guide x 1

NOTE:
Specifications and design subject to possible modification without notice due to improvements.

FREQUENCY RESPONSE & HARMONIC DISTORTION



IMPEDANCE



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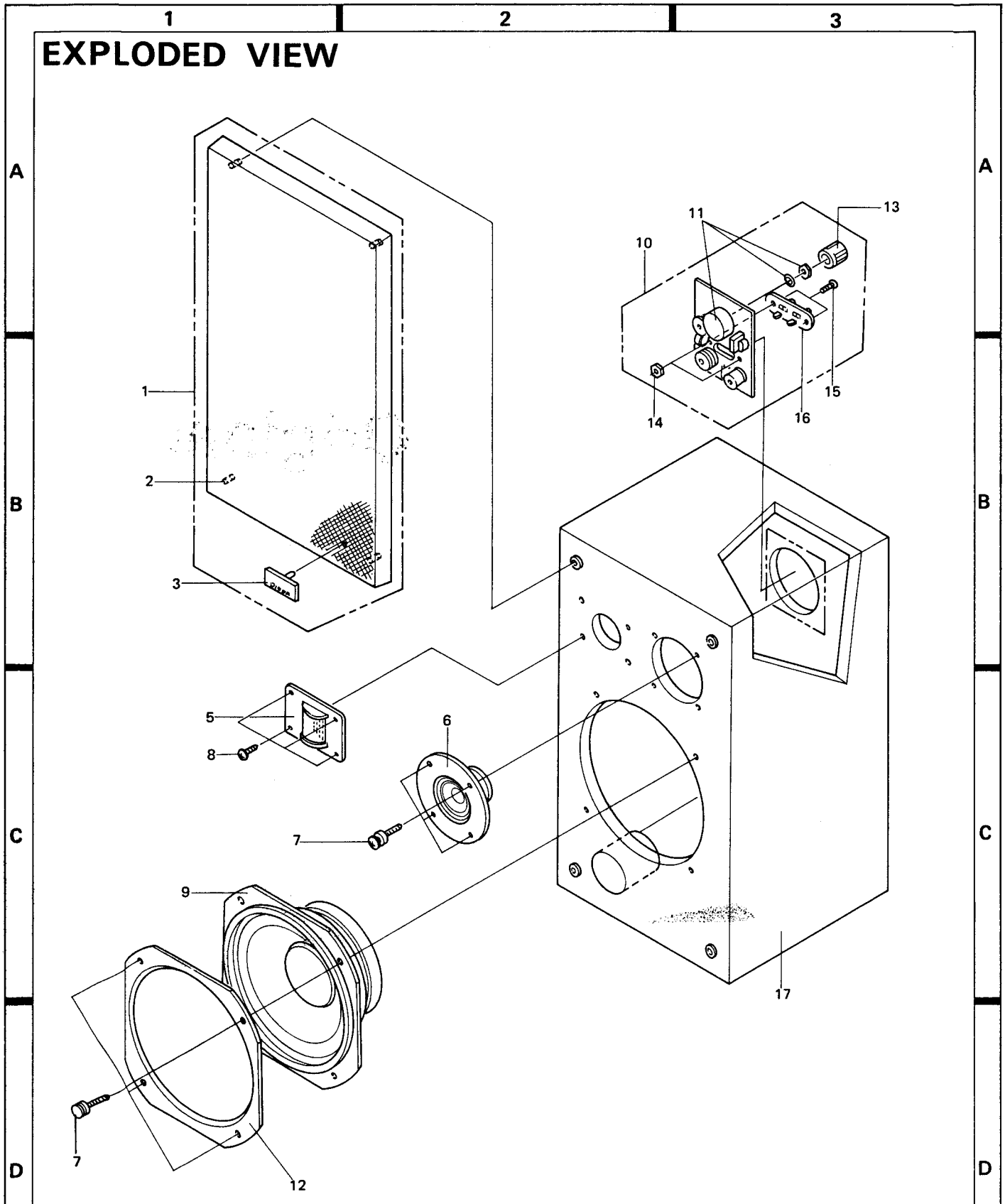
EXPLODED VIEW

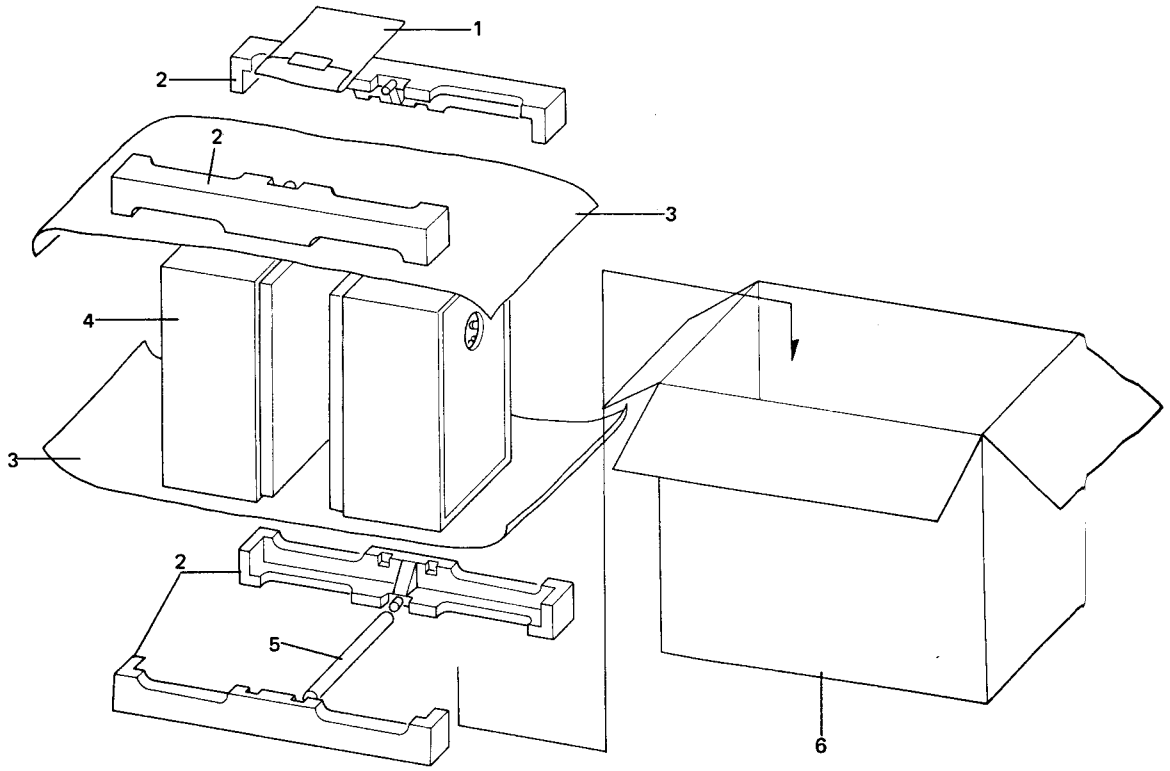


Parts List of Exploded View

NOTE:
• *Parts without part number cannot be supplied.*

Key No.	Part No.	Description
1.	SMA-147	Grill assembly
2.	SEC-295	Catch (A)
3.		Badge
4.	.....	.....
5.	HP-015B	Super tweeter
6.	45-711C	Tweeter
7.		BT4x20 (black)
8.		OCW 3.8x20 (black)
9.	20-742A	Woofer
10.	SWN-205	Network assembly
11.	SCS-015	Attenuator
12.		Accessory ring assembly
13.	SAA-018	Knob
14.		N3
15.		PM3x8 (black)
16.	K11-036	Input terminal
17.		Cabinet

PACKING

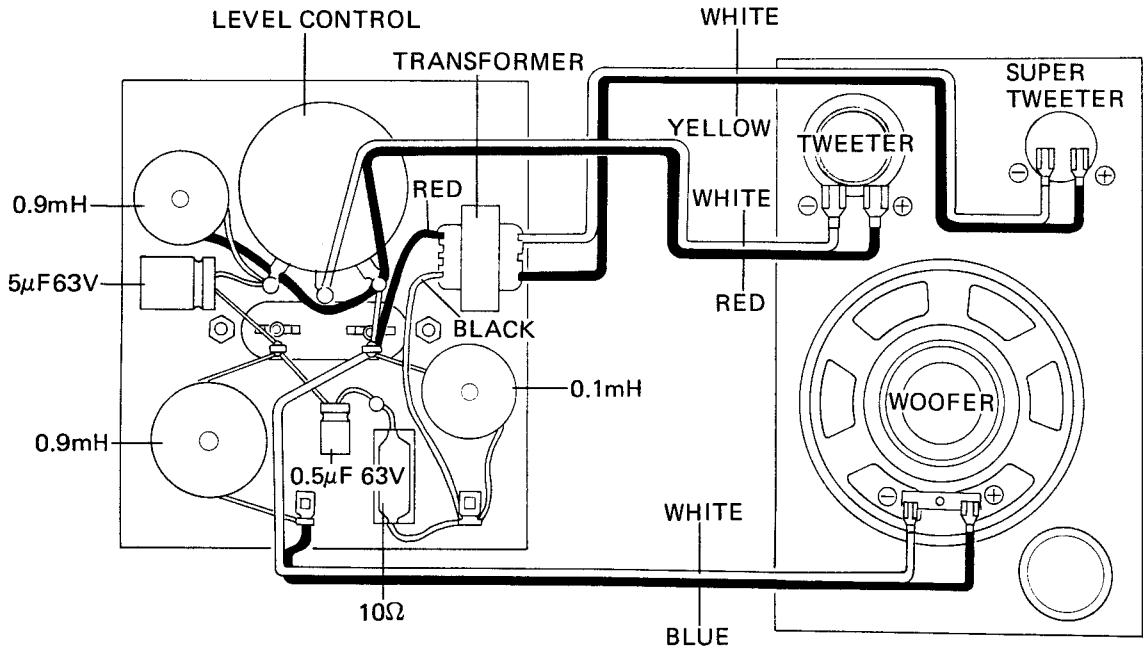


Parts List of Packing

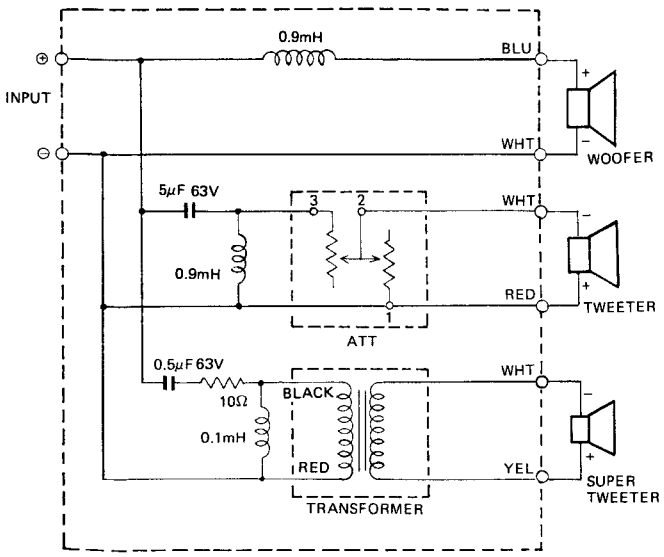
NOTE:
• *Parts without part number cannot be supplid.*

Key No.	Part No.	Description
1-1.	E11-024	Vinyl bag
1-2.	KDD-012	Service cord
1-3.	SRB-221	Operating guide
2.	SHA-250	Protector
3.	SHL-144	Cover
4.		Speaker system
5.		Joint
6-1.	SHG-376	Packing case (E model)
6-2.	SHG-389	Packing case (CA model)

WIRING



CIRCUIT DIAGRAM



Network Assembly (SWN-205)

Part No.	Symbol & Description
CES04 5R0 K63	Capacitor
CES04 0R5 K63	Capacitor
STV-012	Transformer
RTF 2Q 100J20	Resistor
SCS-015	Attenuator